

FIG. 1A

FIG. 1B

TRANSACTION

Attribute Name	Seq.	Opt.	Format	Length	Decimal
TRANSACTION_CD	10	N	VARCHAR2	7	
NAME_TX	20	N	VARCHAR2	40	
DESCR_TX	30	Y	VARCHAR2	2000	

FIG. 1B

TRANSACTION\_DTL

Attribute Name	Seq.	Opt.	Format	Length	Decimal
TRANSACTION_DTL_ID	10	N	VARCHAR2	7	
TRANSACTION_CD_FK	20	N	VARCHAR2	7	
TRANSACTION_DTL_ID_RFK	30	N	VARCHAR2	7	
DATE_TX	40	N	DATE		

FIG. 1C

Transaction

Transaction CD	Name TX	Descr TX
Buy Prod	Buy product transaction	This transaction relates to a customer buying a product.
Sell Prod	Sell product transaction	This transaction to a vendor selling a product.

FIG. 1D

Transaction\_Detail

Transaction Dtl ID	Transaction_CD_FK	Date DT
1	Buy Prod	11/01/1999
2	Buy Prod	11/05/1999
3	Sell Prod	11/01/1999

FIG. 1E

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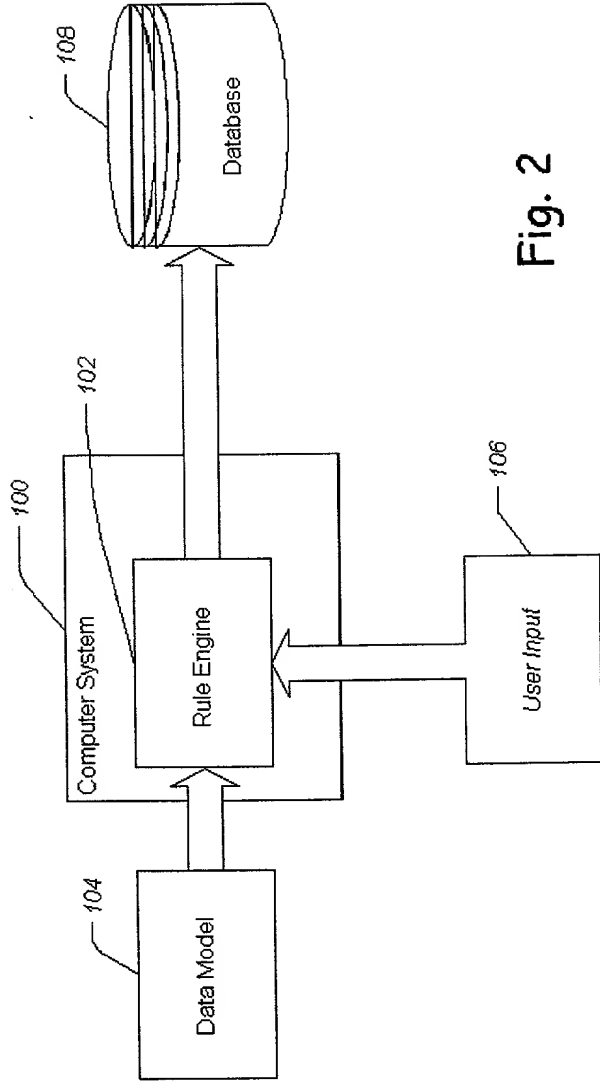


Fig. 2

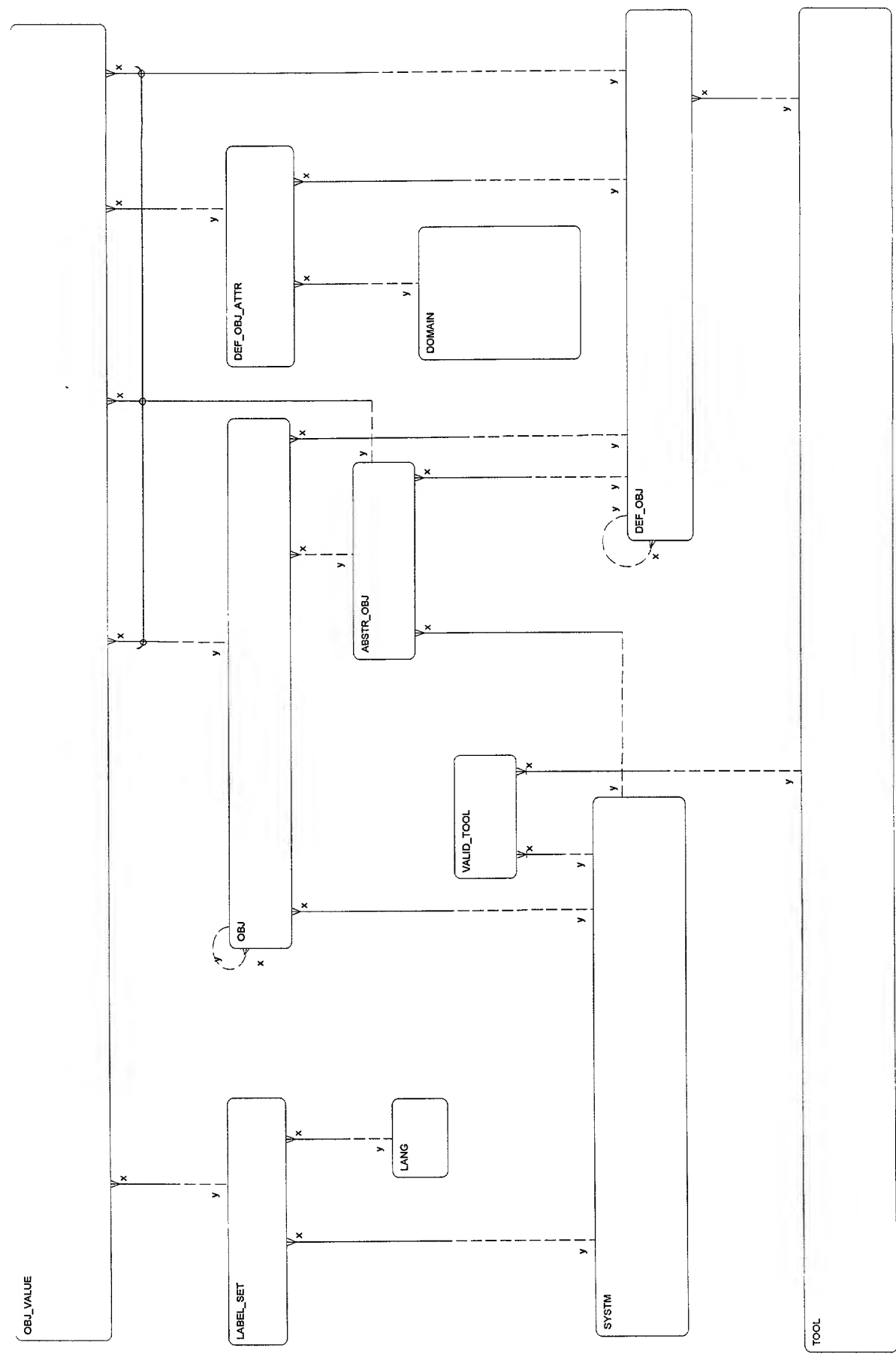


FIG. 3A

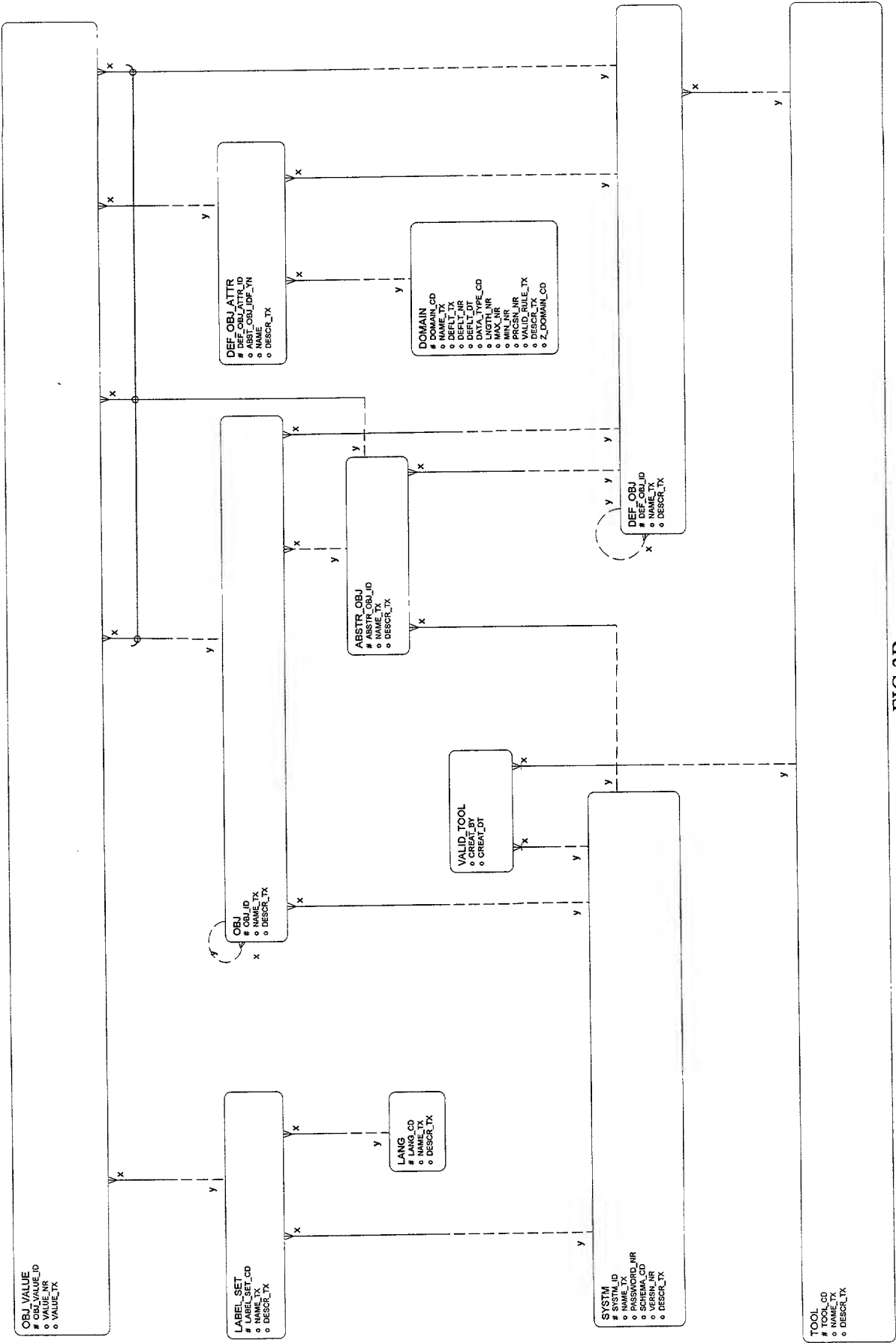


FIG 3B

TOOL

Attribute Name	Seq.	Opt.	Format	Length	Decimal
TOOL_CD	10	N	VARCHAR2	200	
NAME_TX	20	Y	VARCHAR2	40	
DESCR_TX	30	Y	VARCHAR2	2000	

FIG. 4A

DEF\_OBJECT

Attribute Name	Seq.	Opt.	Format	Length	Decimal
DEF_OBJECT_ID	10	N	NUMBER	10	
NAME_TX	20	Y	VARCHAR2	40	
DESCR_TX	30	Y	VARCHAR2	2000	

FIG. 4B

SYSTEM

Attribute Name	Seq.	Opt.	Format	Length	Decimal
SYSTEM_ID	10	N	NUMBER	10	
NAME_TX	20	Y	VARCHAR2	40	
PASSWORD_NR	30	Y	NUMBER	10	
SCHEMA_CD	40	Y	VARCHAR2	200	
VERSN_NR	50	Y	NUMBER	10	
DESCR_TX	60	Y	VARCHAR2	2000	

FIG. 4C

VALID\_TOOL

Attribute Name	Seq.	Opt.	Format	Length	Decimal
CREAT_BY	10	Y	VARCHAR2	200	
CREAT_DT	20	Y	DATE		

FIG. 4D

FIG. 4D

OBJ

Attribute Name	Seq.	Opt.	Format	Length	Decimal
OBJ_ID	10	N	NUMBER	10	
NAME_TX	20	Y	VARCHAR2	40	
DESCR_TX	30	Y	VARCHAR2	2000	

FIG. 4E

ABSTR\_OBJ

Attribute Name	Seq.	Opt.	Format	Length	Decimal
ABSTR_OBJ_ID	10	N	NUMBER	10	
NAME_TX	20	Y	VARCHAR2	40	
DESCR_TX	30	Y	VARCHAR2	2000	

FIG. 4F

LANG

Attribute Name	Seq.	Opt.	Format	Length	Decimal
LANG_CD	10	N	VARCHAR2	200	
NAME_TX	20	Y	VARCHAR2	40	
DESCR_TX	30	Y	VARCHAR2	2000	

FIG. 4G

LABEL\_SET

Attribute Name	Seq.	Opt.	Format	Length	Decimal
LABEL_SET_CD	10	N	VARCHAR2	200	
NAME_TX	20	Y	VARCHAR2	40	
DESCR_TX	30	Y	VARCHAR2	2000	

FIG. 4H

DOMAIN

Attribute Name	Seq.	Opt.	Format	Length	Decimal
DOMAIN_CD	10	N	VARCHAR2	200	
NAME_TX	20	Y	VARCHAR2	40	
DEFLT_TX	30	Y	VARCHAR2	200	
DEFLT_NR	40	Y	NUMBER	10	
DEFLT_DT	50	Y	DATE		
DATA_TYPE_CD	60	Y	VARCHAR2	200	
LNTH_NR	70	Y	NUMBER	10	
MAX_NR	80	Y	NUMBER	10	
MIN_NR	90	Y	NUMBER	10	
PRCSN_NR	100	Y	NUMBER	10	
VALID_RULE_TX	110	Y	VARCHAR2	2000	
DESCR_TX	120	Y	VARCHAR2	2000	
Z DOMAIN_CD	130	Y	VARCHAR2	200	

FIG. 4I

DEF\_OBJ\_ATTR

Attribute Name	Seq.	Opt.	Format	Length	Decimal
DEF_OBJ_ATTR_ID	10	N	NUMBER	10	
ABST_OBJ_IDF_YN	20	Y	VARCHAR2	1	
NAME_TX	30	Y	VARCHAR2	40	
DESCR_TX	40	Y	VARCHAR2	2000	

FIG. 4J

OBJ\_VALUE

Attribute Name	Seq.	Opt.	Format	Length	Decimal
OBJ_VALUE_ID	10	N	NUMBER	10	
VALUE_NR	20	Y	NUMBER	10	
VALUE_TX	30	Y	VARCHAR2	2000	

FIG. 4K



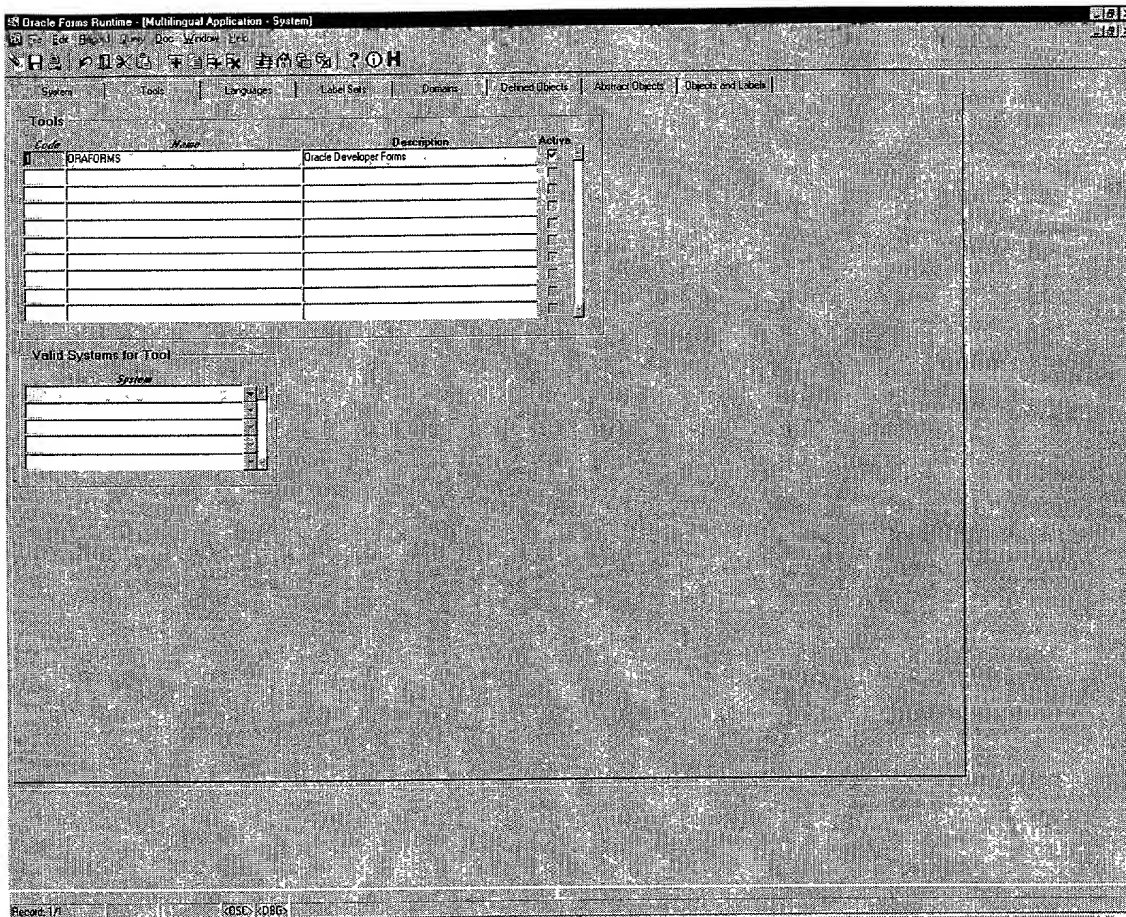


Figure 5A + K

Oracle Forms Runtime - [Multilingual Application - System]

File Edit View Window Help

System Tools Languages Label Sets Domains Defined Objects Abstract Objects Objects and Labels

Tool Code Name Description Label Set System Code Name Language

Defined Objects

LEVEL	Name	Description	Active	Attributes	Description	Domain	ADA (Abstract Direct Attribute)	Active	Value	Active
LEVEL 1										
LEVEL 2										
LEVEL 3										
LEVEL 4										
LEVEL 5										
LEVEL 6										

FRM-40003 (User Defined no records to be retrieved)  
Record 1/1 (05/01/2005)

Figure 5B + C + F + N

**Figure 5D**

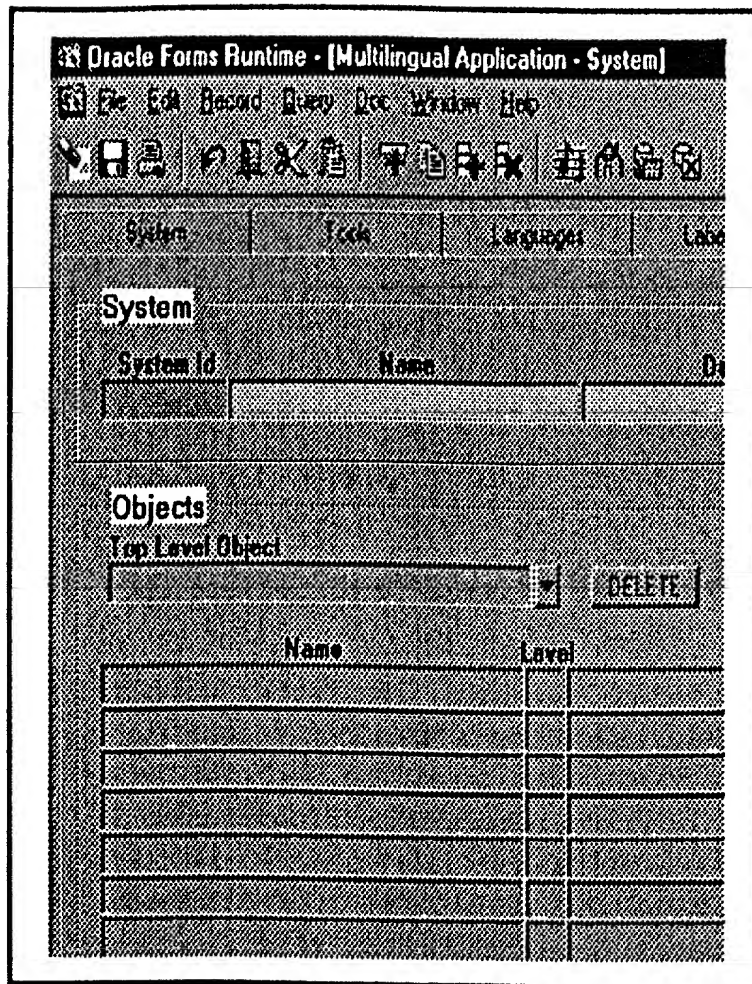


Figure 5E





Oracle Forms Runtime - [Multilingual Application - System]

File Edit Record Query Go Window Help

Systems Tools Languages Label Sets Domains Derived Objects Abstract Objects Objects and Labels

Systems

System Id	Name	Description	Version No.	Active
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

Valid Tools for System

Tool Code	
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>
	<input type="checkbox"/>

FRM-40360: Query caused no records to be retrieved.  
Record: 1/1 K05C K066

Figure 5H

**Figure 5I**

Record: 1/1 (050) (086)

**Figure 5J**



SLETCB RADS - (Function Editor)

Function Name: CALC MANI STAFF EXPRN OT DT      Function ID: 10H

Result:

TABLE

Name	Value
START_DATE	
BUSINESS_DAYS_TO_WAIT	

Feedback

FIGURE 6: Function Maintenance screen

09928457-084404  
TOTUS07-092260

TOOL

TOOL CD	NAME TX	DESCR TX
Forms	Oracle Forms	Oracle Developers' screen application product.
Reports	Oracle Reports	Oracle Developers' report application product
SQL Server	Microsoft SQL Server	Microsoft database developers Database Management System product

FIG. 7A

DEF\_OBJ

DEF OBJ ID	NAME TX	DEF OBJ ID RFK	TOOL CD	DESCR TX
354	Form		Forms	An Oracle Developer Form's form.
355	Block	354	Forms	An Oracle Developer Form's block.
356	Window	354	Forms	An Oracle Developer Form's window.
357	Canvas	356	Forms	An Oracle Developer Form's canvas.
358	Tab Page	357	Forms	An Oracle Developer Form's tab page.
359	Visual Attribute	354	Forms	An Oracle Developer Form's visual attribute.
360	Text Item	355	Forms	An Oracle Developer Form's text item.
361	Display Item	355	Forms	An Oracle Developer Form's display item.
362	Checkbox	355	Forms	An Oracle Developer Form's checkbox.
363	Button	355	Forms	An Oracle Developer Form's button.
377	Radio Group	355	Forms	An Oracle Developer Form's radio group.

FIG. 7B

SYSTEM

SYSTEM ID	NAME TX	PASSWORD NR	SCHEMA CD	VERSN NR	DESCR TX
1	Payroll System	Amnbc1		3.0	This is the payroll system.
2	ABC Corp.	Wat99		2.1	This is the entire information system for ABC Corporation.
3	Marketing IS	Litn35		1.2	This is the marketing information system.

FIG. 7C

VALID TOOL

SYSTEM ID FK	TOOL CD FK	CREAT BY	CREAT DT
1	Forms	John Smith	January 29, 2000
2	Forms	Tom Jones	June 14, 2000
2	Reports	Tom Jones	June 14, 2000

FIG. 7D

OBJ

OBJ_ID	NAME_TX	OBJ_ID_RFK	DEF_OBJ_ID_FK	SYSTM_ID_FK	DESCR_TX
3519	V_Gen_Party_COB_Info_Role_Tran.Activ	3515	362	2	A checkbox named V Gen Party COB Info Role Tran.Activ YN
3520	Source	3373	355	2	A block named Source
3521	W Source	3373	356	2	A window named W Source
3522	C Source	3521	357	2	A canvas named C Source
3523	Source.Party_Role_ID	3520	360	2	A text item named Source.Party_Role_ID
3524	Source.Cntxt_TX	3520	360	2	A text item named Source.Cntxt_TX
3525	Source.Z_Party_CD	3520	360	2	A text item named Source.Z_Party_CD
3526	Source.Z_Rel_CD	3520	360	2	A text item named Source.Z_Rel_CD
3527	Source.Name_TX	3520	360	2	A text item named Source.Name_TX
3528	Source.RG_Source	3520	377	2	A radio group named Source.Rg_Source
3529	Source.Push_Button439	3520	363	2	A button named Source.Push_Button439
3530	Party_Drill_Down	3373	355	2	A block named Party Drill Down
3531	Gr_Drill_Down	3373	355	2	A block named Gr Drill Down
3532	COB_Reprt	3373	355	2	A block named COB Reprt
3533	GR_Filter	3373	355	2	A block named GR Filter
3534	V_Geogr_Reg	3373	355	2	A block named V Geogr Reg
3535	C_Geogr_Reg_Filter	3389	357	2	A canvas named C Geogr Reg Filter
3518	V_Gen_Party_COB_Info_Role_Tran.Lang_Name_TX	3515	360	2	A text item named V Gen Party COB Info Role Tran.Lang Name TX
3506	V_Gen_Party_COB_Info_Role	3373	355	2	A block named V Gen Party COB Info Role
3507	STab2	3404	358	2	A tab page named STab2
3508	V_Gen_Party_COB_Info_Role.Gen_Party_COB_Info_ID	3506	360	2	A text item named V Gen Party COB Info Role.Gen Party COB Info ID
3509	V_Gen_Party_COB_Info_Role.Var_Name_TX	3506	360	2	A text item named V Gen Party COB Info Role.Var Name TX
3510	V_Gen_Party_COB_Info_Role.Stord_Value	3506	360	2	A text item named V Gen Party COB Info Role.Stord Value
3511	V_Gen_Party_COB_Info_Role.Lang_Name_TX	3506	360	2	A text item named V Gen Party COB Info Role.Lang Name TX
3512	V_Gen_Party_COB_Info_Role.Activ_YN	3506	362	2	A checkbox named V Gen Party COB Info Role.Activ YN
3513	V_Gen_Party_COB_Info_Role.Pb_Lang_CD	3506	363	2	A button named V Gen Party COB Info Role.Pb Lang CD
3514	V_Gen_Party_COB_Info_Role.Pb_Value	3506	363	2	A button named V Gen Party COB Info Role.Pb Value
3515	V_Gen_Party_COB_Info_Role_Tran	3373	355	2	A block named V Gen Party COB Info Role Tran
3516	V_Gen_Party_COB_Info_Role_Tran.Gen_Party_COB_Info_ID	3515	360	2	A text item named V Gen Party COB Info Role_Tran.Gen_Party_COB_Info ID
3517	V_Gen_Party_COB_Info_Role_Tran.Stord_Value	3515	360	2	A text item named V Gen Party COB Info Role Tran.Stord Value

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3505	V_Gen_Party_COB_Info_Trans.Activ_YN	3501	362	2	A checkbox named V Gen Party COB Info Trans.Activ YN
3494	V_Gen_Party_COB_Info_Party.Var_Name_TX	3491	360	2	A text item named V Gen Party COB Info Party.Var Name TX
3495	V_Gen_Party_COB_Info_Party.Stord_Value	3491	360	2	A text item named V Gen Party COB Info Party.Stord Value
3496	V_Gen_Party_COB_Info_Party.Lang_Name_TX	3491	360	2	A text item named V Gen Party COB Info Party.Lang Name TX
3497	V_Gen_Party_COB_Info_Party.Activ_YN	3491	362	2	A checkbox named V Gen Party COB Info Party.Activ YN
3498	V_Gen_Party_COB_Info_Party.Pb_Lang_CD	3491	363	2	A button named V Gen Party COB Info Party.Pb Lang CD
3499	V_Gen_Party_COB_Info_Party.Pb_Value	3491	363	2	A button named V Gen Party COB Info Party.Pb Value
3500	V_Gen_Party_COB_Info_Party.Pb_Z_Party_CO B_NFO_CD	3491	363	2	A button named V Gen Party COB Info Party.Pb Z Party COB NFO CD
3501	V_Gen_Party_COB_Info_Trans	3373	355	2	A block named V Gen Party COB Info Trans
3502	V_Gen_Party_COB_Info_Trans.Gen_Party_COB Info_ID	3501	360	2	A text item named V Gen Party COB Info Trans.Gen Party COB Info ID
3503	V_Gen_Party_COB_Info_Trans.Stord_Value	3501	360	2	A text item named V Gen Party COB Info Trans.Stord Value
3504	V_Gen_Party_COB_Info_Trans.Lang_Name_TX	3501	360	2	A text item named V Gen Party COB Info Trans.Lang Name TX
3493	V_Gen_Party_COB_Info_Party.Gen_Party_COB Info_ID	3491	360	2	A text item named V Gen Party COB Info Party.Gen Party COB Info ID
3573	V_Funct.Descr_TX	3563	360	2	A text item named V Funct.Descr TX
3574	Block Title	3557	359	2	A visual attribute named Block Title
3575	V_Funct.Pb_Domain_CD	3563	363	2	A button named V Funct.Pb Domain CD
3576	V_Funct_Dtl	3557	355	2	A block named V Funct Dtl
3577	V_Funct_Dtl.Name_TX	3576	360	2	A text item named V Funct Dtl.Name TX
3578	V_Funct_Dtl.DSP_Domain_CD	3576	360	2	A text item named V Funct Dtl.DSP Domain CD
3579	V_Funct_Dtl.Order_NR	3576	360	2	A text item named V Funct Dtl.Order NR
3580	V_Funct_Dtl.Regd_YN	3576	360	2	A checkbox named V Funct Dtl.Regd YN
3581	V_Funct_Dtl.May_Rpeat_YN	3576	362	2	A checkbox named V Funct Dtl.May Rpeat YN
3582	V_Funct_Dtl.Descr_TX	3576	360	2	A text item named V Funct Dtl.Descr TX
3583	V_Funct_Dtl.Funct_Dtl_ID	3576	360	2	A text item named V Funct Dtl.Funct Dtl ID
3572	V_Funct_Activ_YN	3563	362	2	A checkbox named V Funct Activ YN
3554	Plan Table.ID	3539	360	2	A text item named Plan Table.ID
3555	Plan Table.Parent ID	3539	360	2	A text item named Plan Table.Parent ID
3556	Plan Table.Position	3539	360	2	A text item named Plan Table.Position
3557	Function		354	2	A form named Function
3558	Stuff	3557	355	2	A block named Stuff
3559	W Main	3557	356	2	A window named W Main
3560	C Main	3559	357	2	A canvas named C Main
3561	Data Current	3557	359	2	A visual attribute named Data Current

3562	Stuff.Null Item	3558	360	2	A text item named Stuff.Null Item
3563	V Funct	3557	355	2	A block named V Funct
3564	Custom	3557	359	2	A visual attribute named Custom
3565	Data Blue	3557	359	2	A visual attribute named Data Blue
3566	V Funct.Funct ID	3563	360	2	A text item named V Funct.Funct ID
3567	Data Enter	3557	359	2	A visual attribute named Data Enter
3568	V Funct.Name TX	3563	360	2	A text item named V Funct.Name TX
3569	V Funct.DSP Z Funct CD	3563	360	2	A text item named V Funct.DSP Z Funct CD
3570	V Funct.DSP Domain CD	3563	360	2	A text item named V Funct.DSP Domain CD
3571	Data Display	3557	359	2	A visual attribute named Data Display
3553	Plan Table.Search Columns	3539	360	2	A text item named Plan Table.Search Columns
3537	V Geogr Reg.DSP Z Geogr Reg CD	3534	360	2	A text item named V Geogr Reg.DSP Z Geogr Reg CD
3538	Test Help		354	2	A form named Test Help
3539	Plan Table	3538	355	2	A block named Plan Table
3540	Window1	3538	356	2	A window named Window1
3541	Canvas2	3540	357	2	A canvas named Canvas2
3542	Plan Table.Statement ID	3539	360	2	A text item named Plan Table.Statement ID
3543	Plan Table.Timestamp	3539	360	2	A text item named Plan Table.Timestamp
3544	Plan Table.Remarks	3539	360	2	A text item named Plan Table.Remarks
3545	Plan Table.Operation	3539	360	2	A text item named Plan Table.Operation
3546	Plan Table.Options	3539	360	2	A text item named Plan Table.Options
3547	Plan Table.Object Node	3539	360	2	A text item named Plan Table.Object Node
3548	Plan Table.Object Owner	3539	360	2	A text item named Plan Table.Object Owner
3549	Plan Table.Object Name	3539	360	2	A text item named Plan Table.Object Name
3550	Plan Table.Object Instance	3539	360	2	A text item named Plan Table.Object Instance
3551	Plan Table.Object Type	3539	360	2	A text item named Plan Table.Object Type
3552	Plan Table.Optimizer	3539	360	2	A text item named Plan Table.Optimizer
3552	V Geogr Reg.Activ YN	3534	362	2	A checkbox named V Geogr Reg.Activ YN
3480	V Party Role Child	3373	355	2	A block named V Party Role Child
3481	V Party Role Child.Party Role_ID	3480	360	2	A text item named V Party Role Child
3482	V Party Role Child.DSP Z Rel CD	3480	360	2	A text item named V Party Role Child.DSP Z Rel CD
3483	V Party Role Child.DSP Z Party_CD	3480	360	2	A text item named V Party Role Child.DSP Z Party CD
3484	V Party Role Child.DSP Party ID	3480	360	2	A text item named V Party Role Child.DSP Party ID
3485	V Party Role Child.Start DT	3480	360	2	A text item named V Party Role Child.Start DT
3486	V Party Role Child.End DT	3480	360	2	A text item named V Party Role Child.End DT
3487	V Party Role Child.Activ YN	3480	362	2	A checkbox named V Party Role Child.Activ YN
3488	V Party Role Child.Pb Z Rel CD	3480	363	2	A button named V Party Role Child.Pb Z Rel CD
3489	V Party Role Child.Pb Z Party CD	3480	363	2	A button named V Party Role Child.Pb Z Party CD
3490	V Party Role Child.Pb Party ID	3480	363	2	A button named V Party Role Child.Pb Party ID
3491	V Gen Party COB Info Party	3373	355	2	A block named V Gen Party COB Info Party
3492	Tab3	3396	358	2	A tab page named Tab3
3479	V Party Role Parent.Pb Z Party CD	3469	363	2	A button named V Party Role Parent.Pb Z Party CD
3465	V Party.Activ YN	3461	362	2	A checkbox named V Party.Activ YN

3466	V Party.End DT	3461	360	2	A text item named V Party.End DT
3467	V Party.Persn YN	3461	362	2	A checkbox named V Party.Persn YN
3468	V Party.Order NR	3461	360	2	A text item named V Party.Order NR
3469	V Party.Role Parent	3373	355	2	A block named V Party.Role Parent
3470	Tab2	3396	358	2	A tab page named Tab2
3471	V_Party_Role_Parent.Party_Role_ID	3469	360	2	A text item named V Party.Role Parent.Party_Role_ID
3472	V_Party_Role_Parent.DSP_Party_Role_ID_RF K	3469	360	2	A text item named V Party.Role Parent.DSP_Party_Role_ID RFK
3473	V_Party_Role_Parent.DSP_Z_Party_CD	3469	360	2	A text item named V Party.Role Parent.DSP_Z_Party_CD
3474	V_Party_Role_Parent.DSP_Z_Rel_CD	3469	360	2	A text item named V Party.Role Parent.DSP_Z_Rel_CD
3475	V Party.Role Parent.Activ YN	3469	362	2	A checkbox named V Party.Role Parent.Activ YN
3476	V Party.Role Parent.Start DT	3469	360	2	A text item named V Party.Role Parent.Start DT
3477	V Party.Role Parent.End DT	3469	360	2	A text item named V Party.Role Parent.End DT
3478	V Party.Role Parent.Pb Cntxt TX	3469	363	2	A button named V Party.Role Parent.Pb Cntxt TX
3464	V Party.Start DT	3461	360	2	A text item named V Party.Start DT
3448	Locator.Start From DT	3433	360	2	A text item named Locator.Start From DT
3449	Locator.Start To DT	3433	360	2	A text item named Locator.Start To DT
3450	Locator.End From DT	3433	360	2	A text item named Locator.End From DT
3451	Locator.End To DT	3433	360	2	A text item named Locator.End To DT
3452	Locator.Dsp Geogr Reg ID	3433	360	2	A text item named Locator.Dsp Geogr Reg ID
3453	Locator.Dsp Z Var CD	3433	360	2	A text item named Locator.Dsp_Z Var CD
3454	Locator.Pb Z Doc Var CD	3433	363	2	A button named Locator.Pb_Z Doc Var CD
3455	Locator.RAG Persn Org	3433	377	2	A radio group named Locator.RAG Persn Org
3456	Locator.RAG.Aspect TX	3433	377	2	A radio group named Locator.RAG.Aspect TX
3457	Locator.Pb Z Party CD	3433	363	2	A button named Locator.Pb_Z Party CD
3458	Locator.Pb Cntxt TX	3433	363	2	A button named Locator.Pb Cntxt TX
3459	Locator.Pb z Rel CD	3433	363	2	A button named Locator.Pb z Rel CD
3460	Locator.Pb Geogr Reg ID	3433	363	2	A button named Locator.Pb Geogr Reg ID
3447	Locator.DSP_Z Rel CD	3433	360	2	A text item named Locator.DSP_Z Rel CD
3461	V Party	3373	355	2	A block named V Party
3462	V Party.Party ID	3461	360	2	A text item named V Party.Party ID
3463	V Party.Name TX	3461	360	2	A text item named V Party.Name TX
3431	Party Filter Result.Name TX	3429	360	2	A text item named Party Filter Result.Name TX
3432	Party Filter Result.Activ YN	3429	362	2	A checkbox named Party Filter Result.Activ YN
3433	Locator	3373	355	2	A block named Locator
3434	Locator.Party ID	3433	360	2	A text item named Locator.Party ID
3435	Start End NR	3395	357	2	A canvas named Start End NR
3436	Locator.From NR	3433	360	2	A text item named Locator.From NR
3437	Start End DT	3395	357	2	A canvas named Start End DT
3438	Locator.From DT	3433	360	2	A text item named Locator.From DT
3439	Locator.To NR	3433	360	2	A text item named Locator.To NR
3440	Locator.To DT	3433	360	2	A text item named Locator.To DT

3441	Locator.DSP Party Role ID RFK	3433	360	2	A text item named Locator.DSP Party Role ID RFK
3430	Party Filter Result.Party ID	3429	360	2	A text item named Party Filter Result.Party ID
3442	Locator.DSP Z Party CD	3433	360	2	A text item named Locator.DSP Z Party CD
3443	Locator.Var Val TX	3433	360	2	A text item named Locator.Var Val TX
3444	Locator.DSP Party ID	3433	360	2	A text item named Locator.DSP Party ID
3445	Locator.FED Tax ID	3433	360	2	A text item named Locator.FED Tax ID
3446	Locator.Legcy NR	3433	360	2	A text item named Locator.Legcy NR
3414	Party Role.Party Role ID	3413	360	2	A text item named Party Role.Party Role ID
3415	Party Role.Cntxt TX	3413	360	2	A text item named Party Role.Cntxt TX
3416	Party Role.DSP Z Rel CD	3413	360	2	A text item named Party Role.DSP Z Rel CD
3417	Party Role.DSP Z Party CD	3413	360	2	A text item named Party Role.DSP Z Party CD
3418	Party Role.DSP Party ID	3413	360	2	A text item named Party Role.DSP Party ID
3419	PR Locator	3373	355	2	A block named PR Locator
3420	Data Enter	3373	359	2	A visual attribute named Data Enter
3421	PR Locator.Name	3419	360	2	A text item named PR Locator.Name
3422	PR Locator.Party Role ID	3419	360	2	A text item named PR Locator.Party Role ID
3423	PR Locator.DSP Z Party CD	3419	360	2	A text item named PR Locator.DSP Z Party CD
3424	Party Filter	3373	355	2	A block named Party Filter
3425	C Party Filter	3384	357	2	A canvas named C Party Filter
3426	Party Filter.Party ID	3424	360	2	A text item named Party Filter.Party ID
3413	Party Role	3373	355	2	A block named Party Role
3427	Party Filter.DSP Party ID	3424	360	2	A text item named Party Filter.DSP Party ID
3428	Party Filter.DSP Z Party CD	3424	360	2	A text item named Party Filter.DSP Z Party CD
3429	Party Filter Result	3373	355	2	A block named Party Filter Result
3394	Stuff.Pb Start Over	3374	363	2	A button named Stuff.Pb Start Over
3395	W Main	3373	356	2	A window named W Main
3396	C Tab	3395	357	2	A canvas named C Tab
3397	Tab4	3396	358	2	A tab page named Tab4
3398	Stuff.Party Cntxt	3374	360	2	A text item named Stuff.Party Cntxt
3399	Stuff.Pb Party Cntxt	3374	363	2	A button named Stuff.Pb Party Cntxt
3400	Tab1	3396	358	2	A tab page named Tab1
3401	Data Display	3373	359	2	A visual attribute named Data Display
3402	Stuff.Incl Inactiv	3374	362	2	A checkbox named Stuff.Incl Inactiv
3403	Stuff.Result	3374	362	2	A checkbox named Stuff.Result
3404	C Subtab	3395	357	2	A canvas named C Subtab
3405	STab1	3404	358	2	A tab page named STab1
3406	Stuff.Subtab Null Item	3374	360	2	A text item named Stuff.Subtab Null Item
3407	Stuff.Tab Null Item	3374	360	2	A text item named Stuff.Tab Null Item
3393	Stuff.Pb Gr Quit	3374	363	2	A button named Stuff.Pb Gr Quit
3408	Data Current	3373	359	2	A visual attribute named Data Current
3409	Stuff.Null Item	3374	360	2	A text item named Stuff.Null Item
3410	C Main	3395	357	2	A canvas named C Main
3411	Data Blue	3373	359	2	A visual attribute named Data Blue
3412	Stuff.Headr TX	3374	361	2	A display item named Stuff.Headr TX
3374	Stuff	3373	355	2	A block named Stuff



3373	Party 111		354	2	A form named Party 111
3375	W Pick	3373	356	2	A window named W Pick
3376	C Pick	3375	357	2	A canvas named C Pick
3377	Custom	3373	359	2	A visual attribute named Custom
3378	Block Title	3373	359	2	A visual attribute named Block Title
3379	Stuff.Pb Back	3374	363	2	A button named Stuff.Pb Back
3380	C Tb Pick	3375	357	2	A canvas named C Tb Pick
3381	Stuff.Pb Pr Filter	3374	363	2	A button named Stuff.Pb Pr Filter
3382	Stuff.Pb Pr Quit	3374	363	2	A button named Stuff.Pb Pr Quit
3383	Stuff.Pb Pr Pick	3374	363	2	A button named Stuff.Pb Pr Pick
3384	W Party Filter	3373	356	2	A window named W Party Filter
3385	C Tb Party Filter	3384	357	2	A canvas named C Tb Party Filter
3386	Stuff.Pb Party Filter	3374	363	2	A button named Stuff.Pb Party Filter
3387	Stuff.Pb Party Quit	3374	363	2	A button named Stuff.Pb Party Quit
3388	Stuff.Pb Party Pick	3374	363	2	A button named Stuff.Pb Party Pick
3389	W Geogr Reg Filter	3373	356	2	A window named W Geogr Reg Filter
3390	C TB Geogr Reg	3389	357	2	A canvas named C TB Geogr Reg
3391	Stuff.Pb Gr Pick	3374	363	2	A button named Stuff.Pb Gr Pick
3392	Stuff.Pb Gr Filter	3374	363	2	A button named Stuff.Pb Gr Filter

FIG. 7E

## ABSTR OBJ

ABST OBJ ID	SYSTM ID FK	DEF OBJ ID FK	NAME TX	DESCR TX
1	2	354		
2	2	355		
3	2	355		

FIG. 7F

## LANG

LANG CD	NAME TX	DESCR TX
English	English	
French	French	
German	German	

FIG. 7G

## LABEL SET

LABEL SET CD	NAME TX	LANG CD FK	SYSTM ID FK	DESCR TX
ABC Eng	ABC Corp. - English	English	1	The payroll system with English labels.
ABC Fr	ABC Corp. - French	French	1	The payroll system with French labels.
ABC-Grm	ABC Corp. - German	German	1	The payroll system with German labels.

FIG. 7H



FIG. 7I

## DOMAIN

DOMAIN_CD	NAME_TX	DEFLT_TX	DEFLT_NR	DEFLT_DT	DATA_TYPE_CD	LENGTH_NR	MAX_NR	MIN_NR	PRCSN_NR	VALID_RULE_TX	DESCR_TX	Z_DOMAIN_CD
1	Money	Money			Number	10			2			
2	Small Amount				Number	6						

FIG. 7I

## DEF\_OBJ\_ATTR

DEF_OBJ_ATT R ID	NAME	DEF_OBJ_ID FK	ABST_OBJ_ID YN	DOMAIN_CD_FK	DESCR_TX
431	Visual Attribute	357	Y	Char	Visual attribute for a canvas.
432	Label	358	Y	Char	Label for a tab page.
433	Prompt Text	360	Y	Char	Prompt text for text item.
434	Label	362	Y	Char	Label for a checkbox.
435	Label	363	Y	Char	Label for a button.
430	Title	356	Y	Char	Title for a window.
436	Hint Text	360	Y	Char	Hint text for a text item.
437	Tooltip Text	360	Y	Char	Tooltip text for a text item.
438	Hint Text	361	Y	Char	Hint text for a display item.
439	Tooltip Text	361	Y	Char	Tooltip text for a display item.
440	Hint Text	362	Y	Char	Hint text for a checkbox.
441	Tooltip Text	362	Y	Char	Tooltip text for a checkbox.
442	Hint Text	363	Y	Char	Hint text for a button.
443	Tooltip Text	363	Y	Char	Tooltip text for a button.

FIG. 7J

## OBJ\_VALUE

OBJ_VALUE_ID	VALUE_TX	VALUE_NR	DEF_OBJ_ID_FK	OBJ_ID_FK	LABEL_SET_CD_FK	DEF_OBJ_ATTR_ID_FK	ABSTR_OBJ_ID_F
2284	Default		357	3376	ABC Eng	431	
2285	Back		363	3379	ABC Eng	442	
2286	Back		363	3379	ABC Eng	435	
2287	Default		357	3380	ABC Eng	431	
2288	Filter		363	3381	ABC Eng	442	
2283	W Pick		356	3375	ABC Eng	430	
2289	Filter		363	3381	ABC Eng	443	

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2290	Quit			363	3382	ABC Eng	442
2291	Quit			363	3382	ABC Eng	443
2292	Pick Context			363	3383	ABC Eng	442
2293	Pick Context			363	3383	ABC Eng	443
2294	W Party Filter			356	3384	ABC Eng	430
2296	Filter			363	3386	ABC Eng	442
2297	Filter			363	3386	ABC Eng	443
2298	Quit			363	3387	ABC Eng	442
2300	Pick Context			363	3388	ABC Eng	442
2301	Pick Context			363	3388	ABC Eng	443
2302	W Geogr Reg Filter			356	3389	ABC Eng	430
2304	Pick Context			363	3391	ABC Eng	442
2305	Pick Context			363	3391	ABC Eng	443
2306	Filter			363	3392	ABC Eng	442
2308	Quit			363	3393	ABC Eng	442
2309	Quit			363	3393	ABC Eng	443
2311	Quit			363	3394	ABC Eng	443
2312	Party Maintenance			356	3395	ABC Eng	430
2401	U			363	3513	ABC Eng	435
2404	Value			360	3517	ABC Eng	433
2408	ID			360	3523	ABC Eng	433
2416	Window1			356	3540	ABC Eng	430
2417	Default			357	3541	ABC Eng	431
2418	Statement ID			360	3542	ABC Eng	433
2419	Timestamp			360	3543	ABC Eng	433
2420	Remarks			360	3544	ABC Eng	433
2421	Operation			360	3545	ABC Eng	433
2422	Options			360	3546	ABC Eng	433
2423	Object Node			360	3547	ABC Eng	433
2424	Object Owner			360	3548	ABC Eng	433
2425	Object Name			360	3549	ABC Eng	433
2426	Object Instance			360	3550	ABC Eng	433
2427	Object Type			360	3551	ABC Eng	433
2428	Optimizer			360	3552	ABC Eng	433
2429	Search Columns			360	3553	ABC Eng	433
2430	ID			360	3554	ABC Eng	433
2431	Parent ID			360	3555	ABC Eng	433
2432	Position			360	3556	ABC Eng	433
2433	Function Maintenance			356	3559	ABC_Eng	430

2434	Custom	357	3560	ABC Eng	431
2396	Party Role Info	358	3507	ABC Eng	432
2411	Association	360	3526	ABC Eng	433
2412	Name	360	3527	ABC Eng	433
2413	Quit	363	3529	ABC Eng	435
2414	Default	357	3535	ABC Eng	431
2415	Type	360	3537	ABC Eng	433
2295	Default	357	3385	ABC Eng	431
2299	Quit	363	3387	ABC Eng	433
2303	Default	357	3390	ABC Eng	431
2307	Filter	363	3392	ABC Eng	443
2310	Start Over	363	3394	ABC Eng	442
2326	Type	360	3417	ABC Eng	433
2330	Type	360	3423	ABC Eng	433
2334	Role	360	3428	ABC Eng	433
2337	ID	360	3434	ABC Eng	433
2341	From	360	3438	ABC Eng	433
2344	Context	360	3441	ABC Eng	433
2360	U	363	3459	ABC Eng	435
2363	Name	360	3463	ABC Eng	433
2367	Party Role	358	3470	ABC Eng	432
2371	Relation	360	3474	ABC Eng	433
2375	U	363	3479	ABC Eng	435
2389	Lang	360	3496	ABC Eng	433
2393	ID	360	3502	ABC Eng	433
2410	Role	360	3525	ABC Eng	433
2378	Type	360	3483	ABC Eng	433
2379	Source	360	3484	ABC Eng	433
2380	Start DT	360	3485	ABC Eng	433
2381	End DT	360	3486	ABC Eng	433
2382	U	363	3488	ABC Eng	435
2383	U	363	3489	ABC Eng	435
2384	U	363	3490	ABC Eng	435
2385	Party Info	358	3492	ABC Eng	432
2386	ID	360	3493	ABC Eng	433
2387	Var	360	3494	ABC Eng	433
2388	Value	360	3495	ABC Eng	433
2390	U	363	3498	ABC Eng	435
2391	U	363	3499	ABC Eng	435
2392	U	363	3500	ABC Eng	435

2394	Value		360	3503	ABC Eng	433
2395	Lang		360	3504	ABC Eng	433
2397	ID		360	3508	ABC Eng	433
2398	Var		360	3509	ABC Eng	433
2399	Value		360	3510	ABC Eng	433
2400	Lang		360	3511	ABC Eng	433
2402	u		363	3514	ABC Eng	435
2403	ID		360	3516	ABC Eng	433
2405	Lang		360	3518	ABC Eng	433
2406	W Source		356	3521	ABC Eng	430
2407	Custom		357	3522	ABC Eng	431
2377	Relation		360	3482	ABC Eng	433
2409	Context		360	3524	ABC Eng	433
2346	TX		360	3443	ABC Eng	433
2347	Name		360	3444	ABC Eng	433
2348	EIN		360	3445	ABC Eng	433
2349	Legacy		360	3446	ABC Eng	433
2350	Rel Type		360	3447	ABC Eng	433
2351	Start From		360	3448	ABC Eng	433
2352	To		360	3449	ABC Eng	433
2353	End From		360	3450	ABC Eng	433
2354	To		360	3451	ABC Eng	433
2355	Name		360	3452	ABC Eng	433
2356	Name		360	3453	ABC Eng	433
2357	U		363	3454	ABC Eng	435
2358	U		363	3457	ABC Eng	435
2359	U		363	3458	ABC Eng	435
2361	U		363	3460	ABC Eng	435
2362	ID		360	3462	ABC Eng	433
2364	Start DT		360	3464	ABC Eng	433
2365	End DT		360	3466	ABC Eng	433
2366	Ord Num		360	3468	ABC Eng	433
2368	ID		360	3471	ABC Eng	433
2369	Context		360	3472	ABC Eng	433
2370	Type		360	3473	ABC Eng	433
2372	Start DT		360	3476	ABC Eng	433
2373	End DT		360	3477	ABC Eng	433
2374	U		363	3478	ABC Eng	435
2345	Type		360	3442	ABC Eng	433
2376	ID		360	3481	ABC Eng	433

2436	Name			360	3568	ABC Eng	433
2437	Type			360	3569	ABC Eng	433
2438	Domain			360	3570	ABC Eng	433
2439	Descr			360	3573	ABC Eng	433
2440	U			363	3575	ABC Eng	435
2441	Name			360	3577	ABC Eng	433
2442	Domain			360	3578	ABC Eng	433
2443	Order			360	3579	ABC Eng	433
2444	Descr			360	3582	ABC Eng	433
2445	ID			360	3583	ABC Eng	433
2435	IDD			360	3566	ABC Eng	433
2314	Child Role			358	3397	ABC Eng	432
2315	Cntxt			360	3398	ABC Eng	433
2316	U			363	3399	ABC Eng	435
2317	Locator			358	3400	ABC Eng	432
2318	Check Box159			362	3402	ABC Eng	434
2319	Check Box159			362	3403	ABC Eng	434
2320	Custom			357	3404	ABC Eng	431
2321	Sub Role			358	3405	ABC Eng	432
2322	Custom			357	3410	ABC Eng	431
2323	ID			360	3414	ABC Eng	433
2324	Context			360	3415	ABC Eng	433
2325	Relation			360	3416	ABC Eng	433
2327	Source			360	3418	ABC Eng	433
2328	Name			360	3421	ABC Eng	433
2329	ID			360	3422	ABC Eng	433
2331	Default			357	3425	ABC Eng	431
2332	ID			360	3426	ABC Eng	433
2333	Name			360	3427	ABC Eng	433
2335	ID			360	3430	ABC Eng	433
2336	Name			360	3431	ABC Eng	433
2313	Custom			357	3396	ABC Eng	431
2338	Default			357	3435	ABC Eng	431
2339	From			360	3436	ABC Eng	433
2340	Default			357	3437	ABC Eng	431
2342	To			360	3439	ABC Eng	433
2343	To			360	3440	ABC Eng	433

FIG. 7K